

S/N 09/607,096
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IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently amended) A method suitable for projecting demand, the method comprising:

(i) identifying a first set of merchandise;

(ii) specifying a second set of merchandise which is to be used as a referent for soliciting information relative to demand behavior for a pre-determined attribute of said first set of merchandise;

(iii) clustering the second set of merchandise for generating a demand profile for said pre-determined attribute of said first set of merchandise by utilizing a clustering algorithm which partitions said second set into non-overlapping clusters with similar size profiles;

(iv) clustering the second set of merchandise for generating a demand model correlated to model-based demand attributes of said first set of merchandise, said clustering the second set of merchandise for generating a demand model comprising generating a demand model based on modeling demand as a function of major variables being selected from a group consisting of price, promotions, inventory level, and seasonal effects; and

(v) combining the demand profile and the demand model into a single encompassing model which is capable of projecting demand of the first set of merchandise,

wherein at least one of said clustering for generating a demand profile, said clustering for generating a demand model, and said combining the generated demand profile and generated demand model are executed on a computer central processing unit (CPU).

2. (Original Claim) A method according to claim 1, wherein said first and second sets of merchandise are disparate.

S/N 09/607,096
YOR920000431US1

3. (Original) A method according to claim 1, wherein said first and second sets of merchandise overlap.
4. (Previously presented) A method according to claim 1, further comprising:
selecting the pre-determined attribute of said first set of merchandise from the group consisting of item, size, and location.
5. (Previously presented) A method according to claim 1, further comprising:
selecting a pre-determined attribute of said first set of merchandise from the group consisting of item, size, color, and location.
- 6-7. (Canceled)
8. (Previously presented) A method according to claim 1, wherein said combining the demand profile and the model comprises combining the demand profile and the demand model into a single encompassing model by apportioning the model-based demand forecasts, to the appropriate size distribution, using a size demand profile.
9. (Previously presented) A computer implementable method comprising:
 - (i) identifying a first set of merchandise;
 - (ii) specifying a second set of merchandise which is to be used as a referent for soliciting information relative to demand behavior for a pre-determined attribute of said first set of merchandise;

S/N 09/607,096
YOR920000431US1

(iii) clustering the second set of merchandise for generating a demand profile for said pre-determined attribute of said first set of merchandise;

(iv) clustering the second set of merchandise for generating a demand model correlated to model-based demand attributes of said first set of merchandise;

(v) combining the generated demand profile and the generated demand model into a single encompassing model which is capable of projecting demand of the first set of merchandise;

wherein at least one of said clustering for generating a demand profile, said clustering for generating a demand model, and said combining the generated demand profile and generated demand model are executed on a computer central processing unit (CPU).

10. (Previously presented) A computer system suitable for projecting demand, the computer system comprising:

(i) a database comprising an identified first set of merchandise;

(ii) a database comprising an identified second set of merchandise which is to be used as a referent for soliciting information relative to demand behavior for a pre-determined attribute of said first set of merchandise;

(iii) a CPU receiving inputs from the database and comprising means for:

(a) clustering the second set of merchandise for generating a demand profile for said pre-determined attribute of said first set of merchandise;

(b) clustering the second set of merchandise for generating a demand model correlated to model-based demand attributes of said first set of merchandise;
and

(c) combining the demand profile and the demand model into a single

S/N 09/607,096
YOR920000431US1

encompassing model which is capable of projecting demand of the first set of
merchandise; and

(iv) an output display for showing the demand forecasts by the pre-determined
attribute.

11. (Canceled)